

From: [Epstein, David](#)
To: [Steeger, Thomas](#); [Matthew Mulica](#); [Dewey Caron](#); [Dick Rogers \(dick.rogers@bayer.com\)](#); [Bob Sears](#); [George Hansen \(hansengeo@gmail.com\)](#); [Mark Dykes](#); [Eric von Schrader](#)
Subject: RE: Varroa video script review
Date: Friday, April 22, 2016 3:05:44 PM
Attachments: [08- HopGuard II -V5-EVS-DMC\(tms\) DE.docx](#)
[09- Oxalic Acid -V4-EVS-DMC\(tms\) DE.docx](#)
[07- Formic acid -V7-EVS\(tms\) DE.docx](#)

My edits are added to Tom's

From: Steeger, Thomas [<mailto:Steeger.Thomas@epa.gov>]
Sent: Friday, April 22, 2016 10:08 AM
To: Matthew Mulica <mmulica@keystone.org>; Epstein, David <David.Epstein@ARS.USDA.GOV>;
Dewey Caron <dmcaron@udel.edu>
Subject: RE: Varroa video script review

A few minor comments/edits on three of the scripts.

-----Original Appointment-----

From: Matthew Mulica [<mailto:mmulica@keystone.org>]
Sent: Tuesday, April 19, 2016 2:07 PM
To: Matthew Mulica; Steeger, Thomas; [Dick Rogers \(dick.rogers@bayer.com\)](mailto:dick.rogers@bayer.com); Bob Sears; ['hansengeo@gmail.com'](mailto:hansengeo@gmail.com); david.epstein@ars.usda.gov; mark.dykes@ag.tamu.edu; Mark Dykes; Eric von Schrader; Dewey Caron; Kim Haller
Subject: Varroa video script review
When: Friday, April 22, 2016 12:00 PM-1:00 PM (UTC-07:00) Mountain Time (US & Canada).
Where: (877) 275 – 6071; 6130-768#

Please review the 7 scripts attached below prior to our call this Friday from 1 – 2pm CDT. Once again, note that we won't be reviewing the content of these line-by-line but will use our time on the phone to discuss the high level and broad/major issues that you all see. We want to ask that you all please provide your line-by-line edits to these in track-changes and email them back to us by April 29.

Thanks much,

~Matt

<< File: 01-IPM V3- EVS.DOCX >>

Matthew Mulica
Policy Facilitator
Keystone Policy Center

1628 Saints John Road
Keystone, Colorado 80435
(303)531-5511 (o)
(406)240-9606 (c)
www.keystone.org

From: Dick Rogers
To: Steeger, Thomas; Matthew Mulica; "HAYES JR, GERALD W (AG/1000) (gerald.w.hayes.jr@monsanto.com)"; "Dennis vanEngelsdorp" (dennis.vanengelsdorp@gmail.com); "Robert Sears (robt.sears@gmail.com)"; Epstein, David; "hansengeo@gmail.com"
Cc: Cally King; "eric@cantilever-instruction.com"; "Richard J. Crespin"; Dewey Caron (dmcaron@udel.edu); "emily@collaborateup.com"
Subject: RE: Steering Committee sub-group FINAL review of Tools for Varroa Guide
Date: Monday, July 20, 2015 11:51:38 AM
Attachments: image001.png
HBHC-Tools for Varroa Mgmt-Guide-7-17-15-FINAL-DRAFT(tms_dr).docx

My comments inserted in this doc from Tom.

Dick

From: Steeger, Thomas [mailto:Steeger.Thomas@epa.gov]
Sent: Monday, July 20, 2015 8:06 AM
To: Matthew Mulica; 'HAYES JR, GERALD W (AG/1000) (gerald.w.hayes.jr@monsanto.com)'; 'Dennis vanEngelsdorp' (dennis.vanengelsdorp@gmail.com); 'Robert Sears (robt.sears@gmail.com)'; 'david.epstein@ars.usda.gov'; 'hansengeo@gmail.com'
Cc: Cally King; 'eric@cantilever-instruction.com'; 'Richard J. Crespin'; Dewey Caron (dmcaron@udel.edu); 'emily@collaborateup.com'; Dick Rogers
Subject: RE: Steering Committee sub-group FINAL review of Tools for Varroa Guide

The risk manager will not be able to review the document [sorry]; however, I have added a few edits/comments.

From: Matthew Mulica [mailto:mmulica@keystone.org]
Sent: Friday, July 17, 2015 5:15 PM
To: 'HAYES JR, GERALD W (AG/1000) (gerald.w.hayes.jr@monsanto.com)'; 'Dennis vanEngelsdorp' (dennis.vanengelsdorp@gmail.com); 'Robert Sears (robt.sears@gmail.com)'; 'david.epstein@ars.usda.gov'; 'hansengeo@gmail.com'; Steeger, Thomas
Cc: Cally King; 'eric@cantilever-instruction.com'; 'Richard J. Crespin'; Dewey Caron (dmcaron@udel.edu); 'emily@collaborateup.com'; Dick Rogers (dick.rogers@bayer.com)
Subject: RE: Steering Committee sub-group FINAL review of Tools for Varroa Guide
Importance: High

Hello Bob, Dave, Dennis, George, Jerry & Tom,

Attached is the FINAL content for the Tools for Varroa Management Guide. Tom Steeger is having an EPA Risk Manager review the treatment table for legal accuracy and compliance with labels, but beyond that, and for all intents and purposes, this is the final content.

Given that this is such a major product of the Coalition, I thought I'd give you one last chance to review this prior to it going to Collaborate Up for final formatting. **Please send back any comments or revisions in track changes by this upcoming Monday at 2pm MDT.** If I don't hear from you I'll assume that you are okay with this draft becoming final.

From: Epstein, David
To: Bill Kuckuck
Subject: RE: Coalition support for new varroacide registration?
Date: Tuesday, July 14, 2015 11:57:05 AM

My understanding, \$15-\$20K

From: Bill Kuckuck [mailto:bkuckuck@CropLifeAmerica.org]
Sent: Tuesday, July 14, 2015 11:42 AM
To: Steeger, Thomas
Cc: Epstein, David; Matthew Mulica; Dick Rogers (dick.rogers@bayer.com); Cally King; jshapiro@keystone.org
Subject: Re: Coalition support for new varroacide registration?

What is the amount of funding required?

On Jul 14, 2015, at 11:11, Steeger, Thomas <Steeger.Thomas@epa.gov> wrote:

It is unfortunate that the testing was not funded by PAm, since they implied that it would be likely be funded. Does HBHC see an alternative means of securing funds since it may not be possible for USDA or EPA to support the varroacide testing effort?

Thomas Steeger, PhD
Senior Science Advisor
Environmental Fate and Effects Division
EPA Office of Pesticide Programs
steeger.thomas@epa.gov

On Jul 14, 2015, at 8:09 AM, Epstein, David <David.Epstein@ARS.USDA.GOV> wrote:

Matt,

I spoke with Jeff Pettis about this. For him, it is principally about a lack of funding to test the materials that have been identified as potential varroacides. It is my understanding that there are currently 3 unnamed molecules that have been offered for testing by 2 companies. Jeff's lab is willing, should funding made available. Unfortunately, I missed much of the discussion around the PAm funding due to my dealing with family emergencies at that time.

Dave

From: Matthew Mulica [mailto:mmulica@keystone.org]
Sent: Friday, July 10, 2015 3:45 PM
To: Epstein, David; 'Bill Kuckuck (bkuckuck@CropLifeAmerica.org)'; Dick Rogers (dick.rogers@bayer.com); 'Steeger.Thomas@epa.gov'

From: Epstein, David
To: Steeger, Thomas; Matthew Mulica; Dewey Caron; Dick Rogers (dick.rogers@bayer.com); Bob Sears; George Hansen (hansengeo@gmail.com); Mark Dykes; Eric von Schrader
Subject: RE: Varroa video script review
Date: Friday, April 22, 2016 3:29:29 PM
Attachments: Re-queening and BR interrupt DE.docx

Edits included

From: Epstein, David
Sent: Friday, April 22, 2016 3:06 PM
To: 'Steeger, Thomas' <Steeger.Thomas@epa.gov>; Matthew Mulica <mmulica@keystone.org>; Dewey Caron <dmcaron@udel.edu>; Dick Rogers (dick.rogers@bayer.com) <dick.rogers@bayer.com>; Bob Sears <robt.sears@gmail.com>; George Hansen (hansengeo@gmail.com) <hansengeo@gmail.com>; Mark Dykes <mdykes@tamu.edu>; Eric von Schrader <eric@cantilever-instruction.com>
Subject: RE: Varroa video script review

My edits are added to Tom's

From: Steeger, Thomas [<mailto:Steeger.Thomas@epa.gov>]
Sent: Friday, April 22, 2016 10:08 AM
To: Matthew Mulica <mmulica@keystone.org>; Epstein, David <David.Epstein@ARS.USDA.GOV>; Dewey Caron <dmcaron@udel.edu>
Subject: RE: Varroa video script review

A few minor comments/edits on three of the scripts.

-----Original Appointment-----

From: Matthew Mulica [<mailto:mmulica@keystone.org>]
Sent: Tuesday, April 19, 2016 2:07 PM
To: Matthew Mulica; Steeger, Thomas; Dick Rogers (dick.rogers@bayer.com); Bob Sears; 'hansengeo@gmail.com'; david.epstein@ars.usda.gov; mark.dykes@ag.tamu.edu; Mark Dykes; Eric von Schrader; Dewey Caron; Kim Haller
Subject: Varroa video script review
When: Friday, April 22, 2016 12:00 PM-1:00 PM (UTC-07:00) Mountain Time (US & Canada).
Where: (877) 275 – 6071; 6130-768#

Please review the 7 scripts attached below prior to our call this Friday from 1 – 2pm CDT. Once again, note that we won't be reviewing the content of these line-by-line but will use our time on the phone to discuss the high level and broad/major issues that you all see. We want to ask that you all please provide your line-by-line edits to these in track-changes and email them back to us by April 29.

Thanks much,

From: Epstein, David
To: Dewey Caron; Steeger, Thomas
Cc: Matthew Mulica; HAYES JR, GERALD W (AG/1000) (gerald.w.hayes.jr@monsanto.com); "Dennis vanEngelsdorp" (dennis.vanengelsdorp@gmail.com); Robert Sears (robt.sears@gmail.com); hansengeo@gmail.com; Cally King; eric@cantilever-instruction.com; Richard J. Crespin; emily@collaborateup.com; Dick Rogers (dick.rogers@bayer.com)
Subject: RE: Steering Committee sub-group FINAL review of Tools for Varroa Guide
Date: Monday, July 20, 2015 11:53:50 AM
Attachments: HBHC-Tools for Varroa Mgmt-Guide-7-17-15-FINAL-DRAFT(tms_de).docx
image001.png

My comments/edits included to OM'S(prior to seeing Dewey's response to om)

From: Dewey Caron [mailto:dmcaron@udel.edu]
Sent: Monday, July 20, 2015 11:44 AM
To: Steeger, Thomas
Cc: Matthew Mulica; HAYES JR, GERALD W (AG/1000) (gerald.w.hayes.jr@monsanto.com); 'Dennis vanEngelsdorp' (dennis.vanengelsdorp@gmail.com); Robert Sears (robt.sears@gmail.com); Epstein, David; hansengeo@gmail.com; Cally King; eric@cantilever-instruction.com; Richard J. Crespin; emily@collaborateup.com; Dick Rogers (dick.rogers@bayer.com)
Subject: Re: Steering Committee sub-group FINAL review of Tools for Varroa Guide

comments offered back to Tom's comments
Attached

On Mon, Jul 20, 2015 at 8:06 AM, Steeger, Thomas <Steeger.Thomas@epa.gov> wrote:

The risk manager will not be able to review the document [sorry]; however, I have added a few edits/comments.

From: Matthew Mulica [mailto:mmulica@keystone.org]
Sent: Friday, July 17, 2015 5:15 PM
To: 'HAYES JR, GERALD W (AG/1000) (gerald.w.hayes.jr@monsanto.com)'; 'Dennis vanEngelsdorp' (dennis.vanengelsdorp@gmail.com); 'Robert Sears (robt.sears@gmail.com)'; 'david.epstein@ars.usda.gov'; 'hansengeo@gmail.com'; Steeger, Thomas
Cc: Cally King; 'eric@cantilever-instruction.com'; 'Richard J. Crespin'; Dewey Caron (dmcaron@udel.edu); 'emily@collaborateup.com'; Dick Rogers (dick.rogers@bayer.com)
Subject: RE: Steering Committee sub-group FINAL review of Tools for Varroa Guide
Importance: High

Hello Bob, Dave, Dennis, George, Jerry & Tom,

Attached is the FINAL content for the Tools for Varroa Management Guide. Tom Steeger is having an EPA Risk Manager review the treatment table for legal accuracy and compliance with labels, but beyond that, and for all intents and purposes, this is the final content.

Given that this is such a major product of the Coalition, I thought I'd give you one last chance to review this prior to it going to Collaborate Up for final formatting. **Please send back any**

From: [Bill Kuckuck](#)
To: [Steeger, Thomas](#)
Cc: [Epstein, David](#); [Matthew Mulica](#); [Dick Rogers \(dick.rogers@bayer.com\)](#); [Cally King](#); [jshapiro@keystone.org](#)
Subject: Re: Coalition support for new varroacide registration?
Date: Tuesday, July 14, 2015 11:42:25 AM

What is the amount of funding required?

On Jul 14, 2015, at 11:11, Steeger, Thomas <Steeger.Thomas@epa.gov> wrote:

It is unfortunate that the testing was not funded by PAm, since they implied that it would be likely be funded. Does HBHC see an alternative means of securing funds since it may not be possible for USDA or EPA to support the varroacide testing effort?

Thomas Steeger, PhD
Senior Science Advisor
Environmental Fate and Effects Division
EPA Office of Pesticide Programs
steeger.thomas@epa.gov

On Jul 14, 2015, at 8:09 AM, Epstein, David
<David.Epstein@ARS.USDA.GOV> wrote:

Matt,

I spoke with Jeff Pettis about this. For him, it is principally about a lack of funding to test the materials that have been identified as potential varroacides. It is my understanding that there are currently 3 unnamed molecules that have been offered for testing by 2 companies. Jeff's lab is willing, should funding made available. Unfortunately, I missed much of the discussion around the PAm funding due to my dealing with family emergencies at that time.

Dave

From: Matthew Mulica [<mailto:mmulica@keystone.org>]
Sent: Friday, July 10, 2015 3:45 PM
To: Epstein, David; 'Bill Kuckuck (bkuckuck@CropLifeAmerica.org)'; Dick Rogers (dick.rogers@bayer.com); 'Steeger.Thomas@epa.gov'
Cc: Cally King; jshapiro@keystone.org
Subject: Coalition support for new varroacide registration?

Afternoon Bill, Dave, Dick & Tom,

Just wanted to reach out and ask you all if you thought there was